

ABSTRACT OF THE DISCLOSURE

A composition has a particulate agglomerate of microcrystalline cellulose co-processed with additive materials, such as silicon dioxide, that are in intimate association with each other, the additive materials being integrated with or at least partially coating the microcrystalline cellulose. The additive materials are present in an amount of about 1% to about 99% by weight, based on the weight of the microcrystalline cellulose. When the material is silicon dioxide, the silicon dioxide is present in an amount of about 21% to about 99% by weight. A method of preparing a composition includes forming an aqueous slurry containing a mixture of microcrystalline cellulose in the form of a wet cake and additive materials; and drying the slurry to obtain a composition comprising a plurality of agglomerated particles of microcrystalline cellulose in intimate association with the additive material. In another embodiment, the composition has a particulate agglomerate of pure additive material, such as silicon dioxide.